


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide


 Searching within **The ACM Digital Library** for: words compare bit vectors ([start a new search](#))

 Found **3,139** of **245,263**
REFINE YOUR SEARCH
[Search Results](#)
[Related Journals](#)
[Related Magazines](#)
[Related SIGs](#)
[Related Conferences](#)

Results 1 - 20 of 3,139

 Sort by in
[Save results to a Binder](#)

 Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#) >

1 [Row-wise parallel predicate evaluation](#)

Ryan Johnson, Vijayshankar Raman, Richard Sidle, Garret Swart

 August 2008 **Proceedings of the VLDB Endowment**, Volume 1 Issue 1

Publisher: VLDB Endowment

 Full text available: [Pdf](#) (882.02 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 36, Citation Count: 0

Table scans have become more interesting recently due to greater use of ad-hoc queries and greater availability of multi-core, vector-enabled hardware. Table scan performance is limited by value representation, table layout, and processing techniques. ...

2 [Verification of arithmetic datapaths using polynomial function models and congruence solving](#)

Neal Tew, Priyank Kalla, Namrata Shekhar, Sivaram Gopalakrishnan

 November 2008 **ICCAD '08: Proceedings of the 2008 IEEE/ACM International Conference on Computer-Aided Design**
Publisher: IEEE Press

 Full text available: [Pdf](#) (198.84 KB) Additional Information: [full citation](#), [abstract](#), [references](#)
Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 4, Citation Count: 0

This paper addresses the problem of solving finite word-length (bit-vector) arithmetic with applications to equivalence verification of arithmetic datapaths. Arithmetic datapath designs perform a sequence of Add, Mult, Shift, Compare, Concatenate, Extract, ...

3 [Distributed hash sketches: Scalable, efficient, and accurate cardinality estimation in distributed multisets](#)

N. Ntarmos, P. Triantafyllou, G. Weikum

 February 2009 **Transactions on Computer Systems (TOCS)**, Volume 27 Issue 1

Publisher: ACM

 Full text available: [Pdf](#) (2.90 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 62, Downloads (12 Months): 62, Citation Count: 0

Counting items in a distributed system, and estimating the cardinality of multisets in particular, is important for a large variety of applications and a fundamental building block for emerging Internet-scale information systems. Examples of such applications

Keywords: Distributed estimation, distributed cardinality estimation, distributed data summary structures, distributed information systems, hash sketches, peer-to-peer networks and systems

4 [Multi-resolution bitmap indexes for scientific data](#)
[Rishi Rakesh Sinha, Marianne Winslett](#)
ADVANCED SEARCH
[Advanced Search](#)
FEEDBACK
[Please provide us with feedback](#)

 Found **3,139** of **245,263**